

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| Application of: | George A. OLAH | Conf. No.: | |
| Serial No.: | To be assigned (DIV of 09/858,584) | Art Unit: | 1755 |
| Filed: | November 25, 2003 | Examiner: | J. PASTERCZYK |
| For: | ENVIRONMENTALLY SAFE ALKYLATION OF ALIPHATIC AND AROMATIC HYDROCARBONS WITH OLEFINS USING SOLID HF- EQUIVALENT CATALYSTS | Atty. Dkt. No: | 5431-019-999 |

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 and § 1.97 to inform the Patent Office of all references coming to the attention of each individual associated with the filing or prosecution of the subject application, which are or may be material to the patentability of any claim of the application, Attorneys for Applicants hereby direct the Examiner's attention to 13 references listed in chronological order on the attachment entitled "List of References Cited by Applicant." These references are already of record in the parent application. Copies are not provided at this time, but can be sent to the Examiner if he so requires.


Identification of the foregoing references is not to be construed as an admission of Applicants or Attorneys for Applicants that such references are available as "prior art" against the subject application. Consequently, Applicants respectfully decline to use Form PTO-1449, since that form identifies all of the references cited therein as "Prior Art." As an alternative, Applicants submit herewith a "revised Form PTO-1449" entitled "List of References Cited."

Applicants request that the Examiner review all the references identified on the attached List of References Cited, and request that they be made of record in the file history of the above-identified application by initialing and returning the attachment.

No fee is believed to be due for this submission since it is being made within three months of the filing date, as well as prior to a first Office Action on the merits, in the above-captioned matter. Should any fees be required, however, please charge such fees to Pennie & Edmonds LLP Deposit Account No. 16-1150.

Respectfully submitted,

Date: November 26, 2003


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| LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary) | ATTY DOCKET NO. 5431-019-999 | APPLICATION NO (Div of 09/858,584) |
| | APPLICANT George A. OLAH | |
| | FILING DATE November 26, 2003 | GROUP 1755 (assumed) |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|-----|-----------------|---------|----------------|-------|----------|-------------------------------|
| | A01 | 5,073,674 | 12/1991 | Olah | | | |
| | A02 | 5,118,804 | 06/1992 | Defave et al. | | | |
| | A03 | 5,663,474 | 09/1997 | Pham et al. | | | |
| | A04 | 6,177,058 | 01/2001 | Singh et al. | | | |
| | A05 | 6,200,924 | 03/2001 | Lloyd et al. | | | |
| | A06 | 6,281,309 | 08/2001 | Babcock et al. | | | |
| | A07 | 6,395,673 | 05/2002 | Harmer et al. | | | |
| | A08 | | | | | | |
| | A09 | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|-----|-----------------|------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | B01 | | | | | | | |
| | B02 | | | | | | | |
| | B03 | | | | | | | |
| | B04 | | | | | | | |
| | B05 | | | | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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| | C01 | R. Hirschmann et al., "The Reaction of Epoxides with Anhydrous Hydrogen Fluoride in the Presence of Organic Bases. The Preparation of 9 α -Fluoro-4-pregnene-11 β ,17 α ,21-Triol 3,20-Dione 21-Acetate and Its 1-Dehydro Analog", <i>J. Am. Chem. Soc.</i> , 1956, 78, 4956. |
| | C02 | C.G. Bergstrom et al., "9 α -Fluoro-11-deoxy Steroids", <i>J. Org. Chem.</i> , 1963, 28, 2633. |
| | C03 | Olah et al., "Synthetic Methods and Reactions. 63. Pyridinium Poly (hydrogen fluoride) (30% Pyridine-70% Hydrogen Fluoride): A Convenient Reagent for Organic Fluorination Reactions", <i>J. Org. Chem.</i> , 1979, 44, 3872. |
| | C04 | T. Fukuhara et al., <i>Nippon Kagaku Kaish.</i> , 1985, p. 1951. |
| | C05 | G. Olah et al., "Poly-4-vinylpyridinium Poly (Hydrogen Fluoride): A Solid Hydrogen Fluoride Equivalent Reagent", <i>Synthesis</i> , 1993, 693. |
| | C06 | US 2002/0137626 A1 U.S. Pre-Grant Publication to Harmer et al., Pub. 09/2002, US Class 502/159 |

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|---|-----------------|
| EXAMINER | DATE CONSIDERED |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |